Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 16 Aug 2023 until 23:59 on Thursday 17 Aug 2023

Forecast Issued on Wednesday 16 Aug 2023 at 01:17

Confidence: High confidence for warmer and more settled conditions for the next couple of days, before a band of thundery rain and showers moves east during Friday. Lower confidence on the timing and extent of the thundery rain/showers, and some uncertainty regarding the extent of overnight fog patches/low cloud ahead of this feature.

Headline for Wednesday 16 Aug 2023: Any early mist or fog soon lifting, then mostly dry with sunny spells, just an isolated light shower possible.

Mountain weather hazards on Wednesday 16 Aug 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny intervals	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
<05%	<05%	10%	<05%	<05%	<05%

Forecast for Wednesday 16 Aug 2023

Weather: Any early morning low cloud. Mist or fog quickly lifting and clearing through morning to leave a largely dry day with sunny spells and light winds, although an isolated light shower is possible during the late morning and afternoon. Warm.

Chance of cloud-free hill tops above 600m: Generally 90% or more.

Low cloud and visibility: Any valley mist/fog/low cloud patches will soon clear after sunrise to leave generally good or very good visibility and cloud above summits.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Wednesday 16 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/9 W	6/8 W	5/8 N	5/8 N	4/7 NE	9/15 E	11/16 E
300	4/6 SW	3/6 NW	4/7 N	5/8 E	4/6 NE	6/14 E	6/10 NE
Valley	1/3 S	3/6 W	4/7 NW	3/6 NW	3/6 NE	7/15 E	7/12 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/10	12/12	14/14	16/16	16/15	14/12	13/11
300	13/12	15/15	17/17	18/18	18/19	16/15	14/13
Valley	13/13	16/16	18/18	20/20	19/19	16/15	15/14
Freezing Level*	2600m	2500m	2500m	2500m	2500m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels moderate to high, so sun protection is advisable.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 16 Aug 2023	0.2mm	20.8mm	24mm

Forecast for Thursday 17 Aug 2023

Weather: Areas of low cloud forming overnight, especially for eastern upslopes. These should gradually disperse Thursday morning to give some sunny spells and just a few light showers. Patchy cloud is likely to reform again on eastern upslopes towards midnight but bases higher in stronger winds.

Maximum wind: Easterly 15-20mph gust 25-30mph in the afternoon/evening.

Chance of cloud-free hill tops above 600m: 20% in early hours and at first, but soon improving to 90% or more.

Low cloud and visibility: Areas of cloud above 300-400m, largely affecting eastern upslopes at first but giving poor to very poor visibility across some summits. This will soon disperse through the first part of the morning with cloud then comfortably above summits, giving generally good to very good visibility.

Temperature: **Valleys:** Plus 16 degrees Celsius rising to Plus 22 degrees Celsius.
At 600m: Plus 11 degrees Celsius rising to Plus 16 degrees Celsius.
Freezing level: Above summits.

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